

Mason Research Institute
Harvard Street
Worcester, Massachusetts 01608

The Mechanical and Biological Evaluation of Smoking Machines. Contract #1.

The mechanical and electrical features, the puff characteristics, and parameters related to animal exposure will be evaluated for several smoking machines and for both whole smoke and gaseous phase. Also to be obtained will be some analytical data on the gaseous and particulate phases of cigarette smoke generated from each apparatus.

Mice will be exposed to various doses of smoke to establish dose levels for 56 days of continuous treatment. Preliminary biochemical measurements and a minimum of preparative histology and histochemistry will be carried out on these animals.

Current Contract Level: \$119,329.

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